

## Message Text

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ACTION PM-03

INFO OCT-01 EUR-12 ISO-00 DODE-00 EB-07 NSAE-00 RSC-01

TRSE-00 AEC-07 CIAE-00 MC-02 NASA-02 ACDA-10 OES-05

L-02 /052 W

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R 131521Z JAN 75

FM AMEMBASSY MOSCOW

TO SECSTATE WASHDC 6116

INFO USDOC WASHDC

UNCLAS MOSCOW 0443

E. O. 11652: N/A

TAGS: TSPA, EWT, UR

SUBJ: SOVIET INTEREST IN PERKIN-ELMER EQUIPMENT FOR  
SOYUZ SPACECRAFT

DEPT PASS NASA

USDOC FOR BEWT/TDAD

REF: STATE 578

1. DEPT REQUESTED PASS FOLLOWING TO DR. WALTON JONES, NASA,  
DEPUTY DIRECTOR FOR LIFE SCIENCES:
2. PERKIN-ELMER REP CONTACTED COMMERCIAL OFFICE JANUARY 13  
FOLLOWING MEETING WITH PROFESSOR KOVALENKO OF INSTITUTE OF  
MEDICO-BIOLOGICAL PROBLEMS. ACCORDING TO PERKIN REP,  
SOVIETS CONTINUED SHOW CONSIDERABLE INTEREST IN PERKIN-ELMER  
MASS SPECTROMETER DEVELOPED FOR MONITORING ASTRONAUT RESPIRATION  
IN APOLLO CAPSULE. PERKIN-ELMER REP SAID HE CAME AWAY FROM  
MEETING WITH CLEAR IMPRESSION THAT SOVIETS HAD DONE NOTHING  
DEVELOP SIMILAR EQUIPMENT FOR SOYUZ SPACECRAFT, AND HE SUGGESTED  
THAT SALE OF PERKIN-ELMER INSTRUMENTS TO SOVIETS FOR SOYUZ  
CAPSULE TO BE USED IN JOINT SPACE FLIGHT WOULD BE ONLY WAY TO  
INSURE COMPATIBILITY OF TWO SPACECRAFT IN TERMS ON-BOARD  
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EQUIPMENT FOR MONITORING CONDITION OF CREWS.

3. COMMERCIAL ATTACHE INFORMED PERKIN-ELMER REP OF SUBSTANCE REFTEL. PERKIN-ELMER REP ADVISED THAT MASS SPECTROMETER PREVIOUSLY SOLD TO SOVIETS AND DISCUSSED PARA 2 REFTEL, WHILE IT EMPLOYED SAME PRINCIPLES AS INSTRUMENTS DEVELOPED FOR NASA, WAS APPROXIMATELY 20 TIMES LARGER AND COULD NOT BE USED IN SOYUZ CAPSULE. PERKIN-ELMER REP ASKED WHETHER UNDER REGULATIONS DISCUSSED REFTEL, IT WOULD BE POSSIBLE FOR HIM TO GIVE SOVIETS DETAILED TECHNICAL SPECS (NOT RPT NOT INCLUDING MANUFACTURING INFORMATION) ON MASS SPECTROMETER USED IN APOLLO CAPSULE.

4. PERKIN-ELMER REP WILL BE IN MOSCOW THROUGH JANUARY 17 AND WOULD APPRECIATE, IF POSSIBLE, RESPONSE TO POINTS RAISED ABOVE BEFORE HIS DEPARTURE.

5. COMMENT: FROM POINT OF VIEW SAFETY OF U.S. ASTRONAUTS PARTICIPATING IN JOINT SPACE FLIGHT, IS THERE ANY SIGNIFICANCE IN FACT THAT SOYUZ CAPSULE APPARENTLY WILL NOT HAVE SYSTEM FOR MONITORING ASTRONAUT RESPIRATION, UNLESS SALE OF PERKIN-ELMER SYSTEM IS AUTHORIZED?  
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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** SALES, MEDICAL EQUIPMENT, SPACE PROGRAMS  
**Control Number:** n/a  
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**Draft Date:** 13 JAN 1975  
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**Decaption Note:**  
**Disposition Action:** n/a  
**Disposition Approved on Date:**  
**Disposition Authority:** n/a  
**Disposition Case Number:** n/a  
**Disposition Comment:**  
**Disposition Date:** 01 JAN 1960  
**Disposition Event:**  
**Disposition History:** n/a  
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**Errors:** N/A  
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**TAGS:** TSPA, UR  
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